

2161

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
MJA-21702/03 8/19/01

In Re Application Of: **JAMES R. MAULT**

#2  
PX

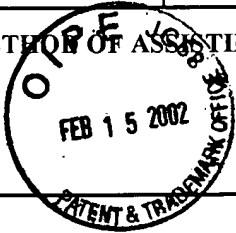
Serial No.  
10/033063

Filing Date  
10/25/01

Examiner

Group Art Unit  
2161

Title: **METHOD OF ASSISTING INDIVIDUALS IN LIFESTYLE CONTROL PROGRAMS CONDUCTIVE TO GOOD HEALTH**



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Address to:

Assistant Commissioner for Patents  
Washington, D.C. 20231

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**37 CFR 1.97(b)**

1. ☒ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☐ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- ☐ the statement specified in 37 CFR 1.97(e);
- OR**
- ☐ the fee set forth in 37 CFR 1.17(p).

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
MJA-21702/03

In Re Application: **JAMES R. MAULT**

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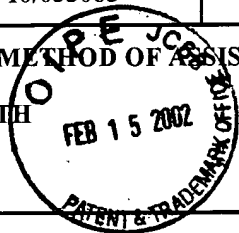
Examiner

Group Art Unit

2161

**METHOD OF ASSISTING INDIVIDUALS IN LIFESTYLE CONTROL PROGRAMS CONDUCTIVE**

HEALTH



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**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 07-1180 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_
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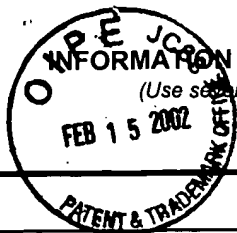
*Beverly M. Bunting*  
Signature

Dated: 2.6.02

**BEVERLY M. BUNTING**  
PO REG. 36,072

**GIFFORD, KRASS, GROH, SPRINKLE,  
ANDERSON & CITKOWSKI**  
280 N. OLD WOODWARD AVE., STE. 400  
BIRMINGHAM, MI 48009  
(248) 647-6000

CC:

ATTY DOCKET NO.  
MJA-21702SERIAL NO.  
10/033,063

Mault, James R.

FILING  
October 25, 2001

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2,630,798	3/1953	White et al.	128	2.07	
	2,826,912	3/1958	Kritz	73	194	
	2,831,348	4/1958	Kritz	73	861.28	
	2,838,399	6/1958	Vogel, Jr.	99	48	
	2,869,357	11/1959	Kritz	73	32	
	2,911,825	11/1959	Kritz	73	194	
	2,920,012	1/1960	Sanders et al.	167	51.5	
	3,213,684	10/1965	Seaton et al.	73	190	
	3,220,255	11/1965	Scranton et al.	73	204	
	3,250,270	5/1966	Bloom	128	2.07	
	3,306,283	2/1967	Arp	128	2.07	

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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0459647 A2	1991	EPO				
	0 712 638	12/1998	EPO				
	WO 96/40340	12/1996	WIPO				
	198 10 476	9/1998	Germany				
	2,323,292	9/1998	UK				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

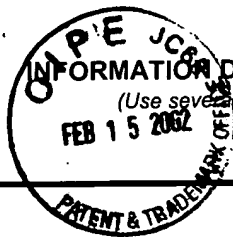
Medical Progress Through Technology, vol. 9, No. 1, 1982 Berlin (D), pp. 27-32, R. Salminen et al., "Computerized Breath-By-Breath Analysis of Respiratory Variables During Exercise".

Determination Of Nitric Oxide Levels By Fluorescence Spectroscopy, Gabor G. and Allon N. in Biochemical, Pharmacological, and Clinical Aspects of Nitric Oxide, edited by B. A. Weissman et al., Plenum Press, New York, 1995, p. 57.

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MJA-21702703SERIAL NO.  
10/033,063

MAULT, James R.

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October 25, 2001

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,523,529	8/1970	Kissen	128	2.07	
	3,527,205	9/1970	Jones	128	2.08	
	3,681,197	8/1972	Smith	195	63	
	3,726,270	4/1973	Griffis et al.	128	2.08	
	3,797,480	3/1974	Williams	128	2.08	
	3,799,149	3/1974	Rummel et al.	128	2.07	
	3,814,091	6/1974	Henkin	128	188	
	3,834,375	9/1974	Sanctuary et al.	128	2.07	
	3,895,630	7/1975	Bachman	128	2.07	
	3,938,551	2/1976	Henkin	137	613	
	3,962,917	6/1976	Terada	73	204	

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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	99/60925	5/1999	WO				
	1013221 A1	6/2000	EPO				

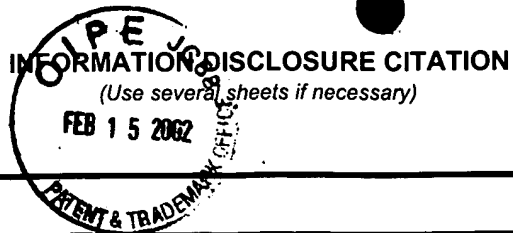
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			British Journal of Anaesthesia, Vol. 49, 1977 London (GB) pp. 575-587, J.A. Bushman et al. "Closed Circuit Anaesthesia".
			Clinics in Chest Medicine (Review), Vol. 10, 1989, pp. 255-264, Heigenhauser et al., "Measurement of Cardiac Output by Carbon Dioxide Rebreathing Methods."

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MAULT, James R.	
FILING October 25, 2001	GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,967,690	7/1976	Northcutt	177	25	
	3,972,038	7/1976	Fletcher et al.	340	189M	
	3,991,304	11/1976	Hillsman	235	151.33	
	4,003,396	1/1977	Fleischmann	137	83	
	4,008,712	2/1977	Nyboer	128	2.1Z	
	4,051,847	10/1977	Henkin	128	145.6	
	4,078,554	3/1978	Lemaitre et al.	128	2.08	
	4,100,401	7/1978	Tutt et al.	235	92MT	
	4,101,071	7/1978	Brejnuk et al.	235	92MT	
	4,113,039	9/1978	Ozaki et al.	177	25	
	4,117,834	10/1978	McPartland et al.	128	2S	

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## FOREIGN PATENT DOCUMENTS

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						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

IEEE Transactions on Biomedical Engineering, Vol. 35, No. 9, September 1988, pp. 653-661,  
Caper et al., "Noninvasive Measurement of Cardiac Output Using Partial Rebreathing".

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MJA-2170

SERIAL NO.

10/033,063

Mault, James R.

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October 25, 2001

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,151,668	5/1979	Hugerford	40	495	
	4,159,416	6/1979	Brejnik et al.	235	92MT	
	4,186,735	2/1980	Henneman et al.	128	201.25	
	4,188,946	2/1980	Watson et al.	128	204.22	
	4,192,000	3/1980	Lipsey	364	415	
	4,197,857	4/1980	Osborn	600	531	
	4,200,094	4/1980	Gedeon et al.	128	201.13	
	4,211,239	7/1980	Raemer et al.	128	716	
	4,212,079	7/1980	Segar et al.	364	900	
	4,221,224	9/1980	Clark	128	718	
	4,221,959	9/1980	Sessler	377	13	

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## FOREIGN PATENT DOCUMENTS

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MJA-21702

SERIAL NO.

10/033,063

MAULT, James R.

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October 25, 2001

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,224,952	9/1980	Sidorenko et al.	128	782	
	4,230,108	10/1980	Young			
	4,244,020	1/1981	Ratcliff	364	413	
	4,318,447	3/1982	Northcutt	177	25	
	4,321,674	3/1982	Krames et al.	364	413	
	4,341,867	7/1982	Johansen	435	189	
	4,353,375	10/1982	Colburn et al.	128	782	
	4,359,057	11/1982	Manzella	128	718	
	4,366,873	1/1983	Levy et al.	177	25	
	4,368,740	1/1983	Binder	128	718	
	4,380,802	4/1983	Segar et al.	364	900	

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ATTY DOCKET NO.

MJA-2170

SERIAL NO.

10/033,063

Mault, James R.

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October 25, 2001

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,386,604	6/1983	Hershey	128	718	
	4,387,777	6/1983	Ash	177	43	
	4,423,792	1/1984	Cowan	177	25	
	4,425,805	1/1984	Ogura et al.	73	861.29	
	4,440,177	4/1984	Anderson et al.	600	532	
	4,444,201	4/1984	Itoh	128	716	
	4,463,764	8/1984	Anderson et al.	600	532	
	4,566,461	1/1986	Lubell et al.	128	668	
	4,571,682	2/1986	Silverman et al.	364	413	
	4,572,208	2/1986	Cutler et al.	128	718	
	4,575,804	3/1986	Ratcliff	364	715	

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MJA-21702

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10/033,063

Mault, James R.

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,577,710	3/1986	Ruzumna	177	245	
	4,598,700	7/1986	Tamm	128	671	
	4,608,995	9/1986	Linnarsson et al.	128	713	
	4,619,269	10/1986	Cutler et al.	128	719	
	4,629,015	12/1986	Fried et al.	177	25	
	4,648,396	3/1987	Raemer	600	534	
	4,650,218	3/1987	Hawke	283	67	
	4,658,832	4/1987	Brugnoli	600	532	
	4,686,624	8/1987	Blum et al.	364	415	
	4,709,331	11/1987	Barkett et al.	364	413	
	4,731,726	3/1988	Allen, III	364	416	

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,753,245	6/1988	Gedeon	128	718	
	4,756,670	7/1988	Arai	417	43	
	4,757,453	7/1988	Nasiff	364	415	
	4,781,184	11/1988	Fife	128	205.12	
	4,793,362	12/1988	Tedner	128	734	
	4,796,182	1/1989	Duboff	364	413.29	
	4,796,639	1/1989	Snow et al.	600	532	
	4,803,625	2/1989	Fu et al.	364	413.03	
	4,807,169	2/1989	Overbeck	364	715.01	
	4,823,808	4/1989	Clegg et al.	128	773	
	4,850,371	7/1989	Broadhurst et al.	600	532	

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,853,854	8/1989	Behar et al.	364	413.01	
	4,855,942	8/1989	Bianco	364	561	
	4,855,945	8/1989	Sakai	364	709.2	
	4,856,531	8/1989	Merilainen	600	532	
	4,880,014	11/1989	Zarowitz et al.	128	734	
	4,891,756	1/1990	Williams III	364	413.29	
	4,894,793	1/1990	Ikemoto et al.	364	709.03	
	4,895,163	1/1990	Libke et al.	128	734	
	4,909,259	3/1990	Tehrani	600	531	
	4,911,175	3/1990	Shizgal	128	734	
	4,911,256	3/1990	Attikiouzel	177	25.16	

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	4,914,959	4/1990	Mylvaganam et al.	73	861.28	
	4,917,108	4/1990	Mault	600	531	
	4,924,389	5/1990	Gerbaulet et al.	364	413.29	
	4,947,862	8/1990	Kelly	128	734	
	4,951,197	8/1990	Mellinger	364	413.2	
	4,954,954	9/1990	Madsen et al.	364	413.29	
	4,955,946	9/1990	Mount et al.	600	532	
	4,965,553	10/1990	DelBiondo, II et al.	340	573	
	4,966,155	10/1990	Jackson	128	671	
	4,986,268	1/1991	Tehrani	128	204	
	4,998,018	3/1991	Kurahashi et al.	250	343	

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,007,429	4/1991	Treatch et al.	128	677	
	5,012,411	4/1991	Policastro et al.	364	413.06	
	5,019,974	5/1991	Beckers	364	413.02	
	5,022,406	6/1991	Tomlinson	128	719	
	5,033,561	7/1991	Hettinger	177	25.16	
	5,038,773	8/1991	Norlien et al.	128	205.23	
	5,038,792	8/1991	Mault	128	718	
	5,042,500	8/1991	Norlien et al.	600	532	
	5,042,501	8/1991	Kenny et al.	600	532	
	5,060,506	10/1991	Douglas	73	24.1	
	5,060,655	10/1991	Rudolph	128	716	

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**MAULT, James R.**

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## **U.S. PATENT DOCUMENTS**

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	5,060,656	10/1991	Howard	128	718	
	5,063,937	11/1991	Ezenwa et al.	128	723	
	5,068,536	11/1991	Rosenthal	250	341	
	5,069,220	12/1991	Casparie et al.	128	719	
	5,072,737	12/1991	Goulding	128	718	
	5,077,476	12/1991	Rosenthal	250	341	
	5,081,871	1/1992	Glaser	73	863.23	
	5,086,781	2/1992	Bookspan	128	734	
	5,095,900	3/1992	Fertig et al.	128	207.14	
	5,095,913	3/1992	Yelderman et al.	128	719	
	5,117,674	6/1992	Howard	73	31.07	

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 MJA-21702

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 10/033,063

MAULT, James R.

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**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,119,825	6/1992	Huhn	600	529	
	5,178,155	1/1993	Mault	128	718	
	5,179,958	1/1993	Mault	128	718	
	5,203,344	4/1993	Scheltinga	128	734	
	5,214,966	6/1993	Delsing	73	861.28	
	5,233,520	8/1993	Kretsch et al.	364	413.29	
	5,233,996	8/1993	Coleman et al.	600	529	
	5,263,491	11/1993	Thornton	128	774	
	5,280,429	1/1994	Withers	364	413.15	
	5,282,473	2/1994	Braig et al.	600	532	
	5,282,840	2/1994	Hudrlik	607	28	

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	5,285,794	2/1994	Lynch	128	719	
	5,293,875	3/1994	Stone	128	719	
	5,299,579	4/1994	Gedeon et al.	600	532	
	5,303,712	4/1994	Van Duren	600	529	
	5,307,263	4/1994	Brown	364	413.09	
	5,309,921	5/1994	Kisner et al.	600	532	
	5,326,973	7/1994	Eckerbom et al.	250	343	
	5,335,667	8/1994	Cha et al.	128	34	
	5,355,879	10/1994	Brain			
	5,357,972	10/1994	Norlien	128	725	
	5,363,857	11/1994	Howard	600	531	

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,372,141	12/1994	Gallup et al.	128	734	
	5,387,164	2/1995	Brown, Jr.	482	9	
	5,388,043	2/1995	Hettinger	364	413.29	
	5,398,688	3/1995	Laniado	128	660.02	
	5,398,695	3/1995	Anderson et al.	600	532	
	5,402,796	4/1995	Packer et al.	128	719	
	5,412,560	4/1995	Dennison	364	413.01	
	5,412,564	4/1995	Ecer	364	413.29	
	5,415,176	5/1995	Sato et al.	128	734	
	5,419,326	5/1995	Harnoncourt	128	660.02	
	5,421,344	6/1995	Popp	128	734	

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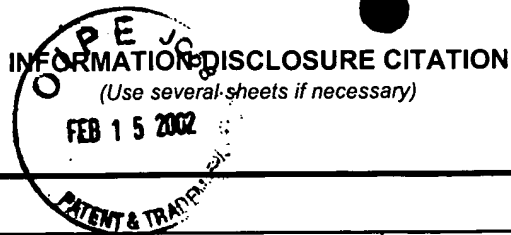
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	5,425,374	6/1995	Ueda et al.	600	532	
	5,449,000	9/1995	Libke et al.	128	734	
	5,450,193	9/1995	Carlsen et al.	356	301	
	5,454,721	10/1995	Kuch	434	127	
	5,468,961	11/1995	Gradon et al.	250	345	
	5,485,402	1/1996	Smith et al.	364	566	
	5,503,151	4/1996	Harnoncourt et al.	128	660.02	
	5,542,420	8/1996	Goldman et al.	128	630	
	5,570,697	11/1996	Walker et al.	128	719	
	5,579,782	12/1996	Masuo	128	734	
	5,611,351	3/1997	Sato et al.	128	734	

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,615,689	4/1997	Kotler	128	734	
	5,632,281	5/1997	Rayburn	128	719	
	5,645,071	7/1997	Harnoncourt et al.	128	719	
	5,647,370	7/1997	Harnoncourt	128	725	
	5,673,691	10/1997	Abrams et al.	128	630	
	5,676,132	10/1997	Tillotson et al.	128	204.23	
	5,678,562	10/1997	Sellers	128	710	
	5,678,571	10/1997	Brown	128	898	
	5,691,927	11/1997	Gump	364	709.01	
	5,704,350	1/1998	Williams III	128	630	
	5,705,735	1/1998	Acorn	73	23.3	

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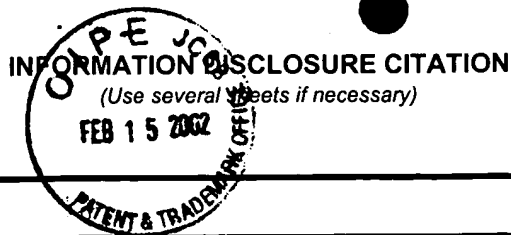
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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,720,296	2/1998	Cha	128	734	
	5,729,479	3/1998	Golan	364	709.2	
	5,746,214	5/1998	Brown et al.	128	693	
	5,754,288	5/1998	Yamamoto et al.	356	301	
	5,788,643	8/1998	Feldman	600	506	
	5,789,660	8/1998	Kofoed et al.	73	23.3	
	5,796,009	8/1998	Delsing	73	861.28	
	5,796,640	8/1998	Sugarman et al.	364	709.02	
	5,800,360	9/1998	Kisner et al.	600	532	
	5,810,722	9/1998	Heikkila	600	300	
	5,816,246	10/1998	Mirza	128	726	

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,817,031	10/1998	Masuo et al.	600	547	
	5,819,735	10/1998	Mansfield et al.	128	630	
	5,822,715	10/1998	Worthington et al.	702	19	
	5,827,179	10/1998	Lichter et al.	600	300	
	5,831,175	11/1998	Fletcher-Haynes	73	861.28	
	5,832,448	11/1998	Brown	705	2	
	5,834,626	11/1998	DeCastro et al.	73	23.3	
	5,836,300	11/1998	Mault	600	532	
	5,836,312	11/1998	Moore	128	897	
	5,876,351	3/1999	Rohde	600	523	
	5,890,128	3/1999	Diaz et al.	705	2	

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,897,493	4/1999	Brown	600	300	
	5,899,855	5/1999	Brown	600	301	
	5,902,234	5/1999	Webb	600	300	
	5,908,301	6/1999	Lutz	434	236	
	5,910,107	6/1999	Iliff	600	300	
	5,913,310	6/1999	Brown	128	897	
	5,918,603	7/1999	Brown	128	897	
	5,922,610	7/1999	Alving et al.	436	116	
	5,932,812	8/1999	Delsing	73	861.02	
	5,933,136	8/1999	Brown	345	327	
	5,941,825	8/1999	Lang et al.	600	449	

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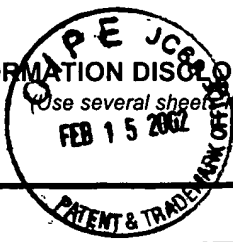

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	6,030,342	2/2000	Amano et al.	600	301	
	6,032,676	3/2000	Moore	128	898	
	6,040,531	3/2000	Miller-Kovach et al.	177	25.16	
	6,042,383	3/2000	Herron	434	238	
	6,044,843	4/2000	O'Neil et al.	128	204.23	
	6,045,513	4/2000	Stone et al.	600	508	
	6,077,193	6/2000	Buhler et al.	482	8	
	6,083,006	7/2000	Coffman	434	127	
	6,095,949	8/2000	Arai	482	4	
	6,095,985	8/2000	Raymond et al.	600	513	
	6,101,478	8/2000	Brown	705	2	

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	6,122,536	9/2000	Sun et al.	600	341	
	6,135,950	10/2000	Adams	600	300	
	6,135,951	10/2000	Richardson et al.	600	300	
	3,401,683	9/1968	Webb et al	128	2.07	
	4,095,274	6/1978	Gordon	364	718	
	3,979,480	3/1974	Williams	128	2.08	
	4,299,235	11/1981	Cohen	128	718	
	4,828,257	5/1989	Dyer et al.	272	129	
	5,173,588	12/1992	Harrah	235	114	
	5,478,989	12/1995	Shepley	235	375	
	5,640,774	6/1997	Goldman	33	150	

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	5,722,418	3/1998	Bro	128	732	
	5,845,263	12/1998	Camaisa et al.	705	27	
	5,841,115	11/1998	Shepley	235	375	
	5,828,943	10/1998	Brown	434	258	
	5,954,640	9/1999	Szabo	600	300	
	5,954,510	9/1999	Merrill et al.	434	236	
	6,039,688	3/2000	Douglas et al.	600	300	
	6,032,119	2/2000	Brown et al.	705	2	
	6,139,494	10/2000	Cairnes	600	300	

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